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**LOWE HAUPTMAN  
& BERNER, LLP**

**FAX**

To: **Examiner David A. Zarneke** From: **Jane Katsarelis for  
Benjamin J. Hauptman**  
Of: **U.S. PTO** Pages: **Including this cover sheet, 6**  
Fax: **703-872-9306** Date: **January 25, 2005**  
Re: **UNITED STATES Patent Application No. 10/074,052**  
**For: SEMICONDUCTOR PACKAGING COMPRISING A CARRIER HAVING**  
**AT LEAST A CAVITY THEREIN**  
**Inventor (s): Chen-Jung TSAI et al.**  
**Our Reference: 4425-248**

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Attached is a "Request for Withdrawal of Notice of Abandonment" in connection with the above-referenced application.

Your prompt consideration would be greatly appreciated.

Please contact Jane at 703-535-7066 if you have any questions.

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002/006

Docket No.: 4425-248

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Inventor(s): Chen-Jung TSAI et al.

U.S. Patent Application No.: 10/074,052

Filed: February 14, 2002

Confirmation No. 7602

Art Unit: 2829

Examiner: David A. Zameke

For: SEMICONDUCTOR PACKAGING COMPRISING A CARRIER HAVING AT LEAST A  
CAVITY THEREIN

REQUEST FOR WITHDRAWAL OF NOTICE OF ABANDONMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Abandonment mailed January 3, 2005, the undersigned hereby requests that the Notice of Abandonment be withdrawn for the following reasons:

- (1) Upon a careful review of the Notice of Allowance mailed July 7, 2004, it was noted that the Examiner had erroneously indicated that claims 1-12 were allowed.
- (2) On July 14, 2004 the undersigned's Assistant contacted the Examiner to inform him that the claims indicated on the Notice of Allowance mailed on July 7, 2004 were in error, referring the Examiner to a Preliminary Amendment that was filed on June 18, 2004, which amendment cancelled claims 1-19 and added new claims 20-42.
- (3) On July 16, 2004, a "Letter" was filed with the U.S. PTO attaching a copy of the June 18, 2004 Preliminary Amendment.
- (4) On July 17, the Examiner called the undersigned's Assistant confirming receipt of the Letter and attached copy of the June 18, 2004 Preliminary Amendment.
- (5) On October 7, 2004 a new Notice of Allowability was issued but again incorrectly reflected that claims 21-39 were allowed instead of claims 20-42 as submitted in the June 18, 2004 Preliminary Amendment.

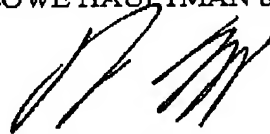
Application No.: 09/826,096

Docket No.: 4006-117

- (6) The undersigned's Assistant again contacted the Examiner to ask that a new Notice of Allowance be issued setting forth a new due date for payment of the Issue Fee. The Examiner stated that he would issue a new Notice of Allowance that would restart the due date for payment of the Issue Fee.
- (7) Several phone calls were made to the Examiner and his Supervisor during the period of October 7, 2004 – December 29, 2004 requesting that a new Notice of Allowance be issued.
- (8) On January 3, 2005, a Notice of Abandonment was mailed from the U.S. PTO.
- (9) It should also be noted that the Notice of Abandonment erroneously held the application abandoned by Applicant's failure to timely pay the Issue Fee. Note that the Notice of Allowance mailed July 7, 2004 (copy attached) did not require Applicant to pay any fee. The reason is that the required fees were timely paid on December 22, 2003 (copy attached) in response to a Notice of Allowance originally mailed on September 22, 2003 by the previous Examiner, Ms. Cruz. The already paid fees have apparently been applied toward payment of the Issue Fee required upon allowance of the instant application by Examiner Zarneke.

In view of the above, it is respectfully requested that the Notice of Abandonment be withdrawn and a new "corrected" Notice of Allowance be issued setting forth the correct allowed claims. Once the undersigned receives the new Notice of Allowance, any insufficient Issue Fee due to recent changes to the U.S. PTO fee schedule will be promptly paid.

LOWE HAUPTMAN &amp; BERNER LLP



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LOW HAUTMAN GILMAN & BERGER, LLP

**PATENT**Docket No. 4425-248 Serial No. 10/074,052 Patent No. \_\_\_\_\_Date Filed/Issued: 2-14-02 Applicant(s) Cheng-Jung Lai et al.

The Stamp of the U.S. Patent & Trademark Office acknowledges receipt of the following:

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Filed by: BH/ep Date: 12-22-03



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## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 07/07/2004  
LOWE HAUPTMAN GILMAN & BERNER, LLP  
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JUL 08 2004

EXAMINER	
ZARNEKE, DAVID A	
ART UNIT	PAPER NUMBER
2827	

DATE MAILED: 07/07/2004

Lowe, Hauptman, Gilman & Berner

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/074,052	02/14/2002	Chen-Jung Tsai	4425-248	7602

TITLE OF INVENTION: SEMICONDUCTOR PACKAGE COMPRISING A CARRIER HAVING AT LEAST A CAVITY THEREIN

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$0	\$0	\$0	10/07/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

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If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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